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PTO/SB/08B (07-05)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	09/965,738
Filing Date	Sept. 27, 2001
First Named Inventor	O'Brien, Timothy J.
Art Unit	1642
Examiner Name	Nickol, Gary B.
Attorney Docket Number	110.018US1

Sheet

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of

1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PR		Accession Number AA640072, GenBank nucleotide sequence database, Oct. 27, 1997.	

Examiner
Signature

/Peter Reddig/

Date
Considered

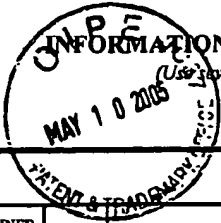
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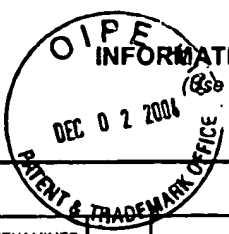
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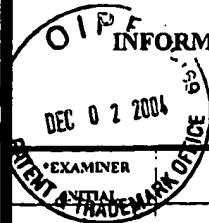
¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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				Docket Number (Optional) 022438.43865		Application Number 09/965,738		
				Applicant(s) Timothy J. O'Brien				
				Filing Date 9/27/01		Group Art Unit 1642		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
PR	AA	6,335,194	1-1-2002	Bennett et al.	435/375		2-2-2000	
PR	BB	6,451,602	9-17-2002	Popoff et al.	435/375		3-2-2000	
U.S. PATENT APPLICATION PUBLICATIONS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
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/Peter Reddig/				05/26/2006				
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				ATTY DOCKET NO. 022438.43867		APPLICATION NO. 09/965.738			
				APPLICANT(S) O'Brien, et al.					
				FILING DATE September 27, 2001		GROUP ART UNIT			
U.S. PATENT DOCUMENTS									
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U.S. PATENT APPLICATION PUBLICATIONS									
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
							YES	NO	
PR	AA	WO 00/36107	06/22/00	World	C12N 15/12	C07K 14/47	✓		
PR	BB	0 288 082	10/26/88	Europe	C07K 15/14	C12P 21/00	✓		
PR	CC	WO 02/092836	11/21/02	World	C12Q		✓		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
PR		DD	"More than 15 years of CA125: What is known about the antigen, its structure and its function" T.J. O'Brien, et al. The International Journal of Biological Markers, Vol. 13, no. 4, pp. 188-195						
PR		EE	"Isolation and Characterization of Ovarian Cancer Antigen CA125 Using a New Monoclonal Antibody (VK-8): Identification as a Mucin-type Molecule" Kenneth O. Lloyd, et al. Int. J. Cancer: 71, 842-850 (1997)						
EXAMINER /Peter Reddig/				DATE CONSIDERED 05/26/2006					
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 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Docket Number (Optional) 022438.43867	Application Number 09/965,738
		Applicant(s) O'Brien, et al.	
		Filing Date September 27, 2001	Group Art Unit
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
PR	FF	"Immunohistochemical Characterization of 22 Monoclonal Antibodies against the CA125 Antigen 2nd Report from the ISOBM TD-1 Workshop" M. Nap, et al. Tumor Biol. 1996: 17: 325-331	
PR	GG	"Human Mucin Gene MUC5B, the 10.7-kb Large Central Exon Encodes Various Alternate Subdomains Resulting in a Super-repeat" Jean-Luc Desseyn, et al. The Journal of Biological Chemistry, Vol. 272, No. 6, Issue of February 7, pp. 3168-3178 (1997)	
PR	HH	"Isolation of the Murine Nbr1 Gene Adjacent to the Murine Brca1 Gene" Julie Chambers, et al. Genomics 38, 305-313 (1996)	
PR	II	http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&val=2566012 "Nucleotide" Lee Helman, M.D., et al. NCBI Sequence Viewer	
PR	JJ	"Molecular Cloning of the CA125 Ovarian Cancer Antigen" Beatrice W.T. Yin, et al. The Journal of Biological Chemistry, Vol. 276, No. 29, Issue of July 20, pp. 27371-27375 (2001)	
PR	KK	"The CA125 Gene: An Extracellular Superstructure Dominated by Repeat Sequences" Timothy J. O'Brien, et al. Tumor Biol. 2001; 22: 348-366	
PR	LL	"The CA125 Gene: A Newly Discovered Extension of the Glycosylated N-Terminal Domain Doubles the Size of This Extracellular Superstructure" Timothy J. O'Brien, et al. Tumor Biol 2002; 23: 154-169	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known

Application Number	09/965,738
Filing Date	September 27, 2009
First Named Inventor	O'Brien, Timothy J.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	40715-260477

Express Mail Certificate	EV 032 104 775 US
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Signature	/Peter Reddig/	Date Considered	05/26/2006
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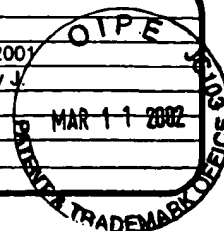
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STATEMENT BY APPLICANT**

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Application Number	09/965,738
Filing Date	September 27, 2001
First Named Inventor	O'Brien, Timothy J.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	40715-260477

Sheet 2 of 3

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
PR	1	BAST RC et al., A radioimmunoassay using a monoclonal antibody to monitor the course of epithelial ovarian cancer, <i>N Engl J Med.</i> 309:883-887 (1983)	✓
PR	2	BON GC et al., Serum tumor marker immunoassays in gynecologic oncology: Establishment of reference values, <i>Am J Obstet. Gynecol.</i> 174:107-114 (1996)	✓
PR	3	CLEMONS-MILLER, A et al. Intrathecal Cytotoxic T-Cell Immunotherapy for Metastatic Leptomeningeal Melanoma. <i>Clinical Cancer Research</i> 7:917s-924s, March 2001 (Suppl.)	✓
PR	4	DESSEYN JL et al., Human mucin gene MUC5B, the 10.7-kb large central exon encodes various alternate subdomains resulting in a super-repeat. Structural evidence for a 11p15.5 gene family, <i>J Biol. Chem.</i> 272(6):3168-3178 (1997)	✓
PR	5	FENDRICK, JL et al. Characterization of CA 125 Synthesized by the Human Epithelial Amnion WISH Cell Line. <i>Tumor Biol</i> 1993; 14:310-318	✓
PR	6	FENDRICK, JL et al. CA125 Phosphorylation Is Associated with Its Secretion from the WISH Human Amnion Cell Line. <i>Tumor Biol</i> 1997; 18:278-289	✓
PR	7	FOON, KA et al., Are solid tumor anti-idotype vaccines ready for prime time?, <i>Clinical Cancer Research</i> 7:1112-1115 (2001)	✓
PR	8	GENDLER SJ et al., Epithelial mucin genes, <i>Annu. Rev. Physiol.</i> 57:607-634 (1995)	✓
PR	9	GUM Jr., JR, Mucin genes and the proteins they encode: Structure, diversity and regulation, <i>Am J Respir. Cell Mol. Biol.</i> 7:557-564 (1992)	✓
PR	10	GUM JR, Human Mucin Glycoproteins: Varied Structures Predict Diverse Properties and Specific Functions. <i>Biochemical Society Transactions.</i> 23(4):795-799, 1995.	✓
PR	11	HARDARDOTTIR H et al., Distribution of CA125 in embryonic tissue and adult derivatives of the fetal periderm, <i>Am J Obstet. Gynecol.</i> 163;6(1):1925-1931 (1990)	✓
PR	12	KONISHI I et al., Epidermal growth factor enhances secretion of the ovarian tumor-associated cancer antigen CA125 from the human amnion WISH cell line, <i>J Soc. Gynecol. Invest.</i> 1:89-96 (1994)	✓
PR	13	LLOYD KO et al., Synthesis and secretion of the ovarian cancer antigen CA125 by the human cancer cell line NIH: OVCAR-3, <i>Tumor Biology</i> 22, 77-82 (2001)	
PR	14	LLOYD KO et al., Isolation and characterization of ovarian cancer antigen CA125 using a new monoclonal antibody (VK-8): Identification as a ucin-type molecule, <i>Int. J. Cancer,</i> 71:842-850 (1997)	✓
PR	15	MARSHALL E, DNA Sequencing: Genome teams adjust to shotgun marriage, <i>Science</i> 292:1982-1983 (2001)	✓
PR	16	NAP M et al., Immunohistochemical characterization of 22 monoclonal antibodies against the CA125 antigen: 2 nd report from the ISOBM TD-1 workshop, <i>Tumor Biology</i> 17:325-331 (1996)	✓
PR	17	NUSTAD K et al., CA125 - epitopes and molecular size, <i>Int. J of Biolog. Markers,</i> 13(4):196-199 (1998)	✓

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PTO/SB/O&A (08-00)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete if Known

Application Number	09/965,738
Filing Date	September 27, 2001
First Named Inventor	O'Brien, Timothy J.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	40715-260477

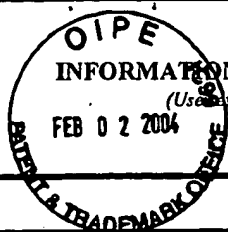
PR	18	NUSTAD K et al., Specificity and affinity of 26 monoclonal antibodies against the CA125 antigen: First report from the ISOBM TD-1 workshop <i>Tumor Biology</i> 17:196-219 (1996)	✓
PR	19	O'BRIEN, TJ et al. CA 125 Antigen in Human Amniotic Fluid and Fetal Membranes. <i>Am J Obstet Gynecol</i> 155:50-55 July, 1986	✓
PR	20	O'BRIEN, TJ et al. New Monoclonal Antibodies Identify the Glycoprotein Carrying the CA 125 Epitope. <i>Am J Obstet Gynecol</i> 1991; 165:1857-64	✓
PR	21	O'BRIEN, TJ et al. More Than 15 Years of CA 125: What Is Known about the Antigen, Its Structure and Its Function. <i>The International Journal of Biological Markers</i> 13:188-195 (1998)	✓
PR	22	QUIRK, JR et al. CA 125 in Tissues and Amniotic Fluid During Pregnancy. <i>Am J Obstet Gynecol</i> 159:655-649 (1988)	✓
PR	23	SANTIN, AD et al. Induction of Ovarian Tumor-Specific CD8+ Cytotoxic T Lymphocytes by Acid-Eluted Peptide-Pulsed Autologous Dendritic Cells. <i>Obstetrics & Gynecology</i> 2000; 96:422-30	✓
PR	24	SANTIN, AD et al. In vitro Induction of Tumor-Specific Human Lymphocyte Antigen Class I-Restricted CD8+ Cytotoxic T Lymphocytes by Ovarian Tumor Antigen-Pulsed Autologous Dendritic Cells from Patients with Advanced Ovarian Cancer. <i>Am J Obstet Gynecol</i> 2000; 183:601-9	✓
PR	25	SHIGESMASA, K, et al. p21: a Monitor of p53 Dysfunction in Ovarian Neoplasia. <i>International Journal of Gynecologic Cancer</i> 7:296-303, 1997.	✓
PR	26	SHIGESMASA, K, et al. p16 Overexpression: A Potential Early Indicator of Transormation in Ovarian Carcinoma. <i>J Soc Gynecol Invest</i> 4:95-102, 1997.	✓
PR	27	VERMA M et al., Mucin genes: Structure, expression and regulation, <i>Glycoconjugate J.</i> 11:172-179 (1994)	✓
PR	27	WAGNER, U. et al. Immunological Responses to the Tumor-Associated Antigen CA125 in Patients with Advanced Ovarian Cancer Induced by the Murine Monoclonal Anti-Idiotypic Vaccine ACA125. <i>HYBRIDOMA</i> 16:33-40 (1997)	✓
PR	29	WAGNER U et al., Immunological consolidation of ovarian carcinoma recurrences with monoclonal anti-idiotypic antibody ACA125: Immune responses and survival in palliative treatment, <i>Clin. Cancer Res.</i> 7:1112-1115 (2001)	✓
PR	30	WILLIAMS, SJ et al. MUC13, a Novel Human Cell Surface Mucin Expressed by Epithelial and Hemopoietic Cells. <i>The Journal of Biological Chemistry</i> 276(21):18327-18336, 2001.	✓
PR	31	YIN TWT et al., Molecular cloning of the CA125 ovarian cancer antigen. Identification as a new mucin (MUC16), <i>J Biol. Chem.</i> 276:27371-27375 (2001)	✓
PR	32	ZURAWSKI VR et al., Tissue distribution and characteristics of the CA125 antigen, <i>Cancer Rev.</i> 11-12:102-118 (1998)	✓

Examiner Signature	/Peter Reddig/	Date Considered	05/26/2006
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**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*

Docket Number (Optional)

022438.43867

Application Number

09/965,738

Applicant(s)

O'Brien, et al.

Filing Date

September 27, 2001

Group Art Unit

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PR	CC	10/715,066	11/17/03	O'Brien, et al.			11/17/03
PR	DD	10/475,117	10/16/03	O'Brien, et al.			10/16/03

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

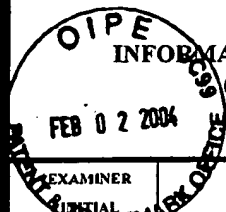
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PR

AA

O'Brien, et al.
"The CA125 Gene: An Extracellular Superstructure Dominated by Repeat Sequences"
Tumor Biology, Vol. 22, 2001 pp. 348-366

PR

BB

Argueso, et al.
"MUC16 Mucin is Expressed by the Human Ocular Surface Epithelia and Carries the H185 Carbohydrate Epitope"
Invest Ophthalmol Vis Sci 2003 Jun;44(6):2487-95

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